ABSTRACT OF THE DISCLOSURE

The invention miniaturizes a surface acoustic wave device on which a plurality of surface acoustic wave elements are disposed and connected together in parallel on a plate, and provides a good temperature characteristic in a wide temperature range. A surface acoustic wave device according to the invention includes a plurality of surface acoustic wave elements disposed on a main surface of a quartz plate cut out with a Euler angle at (0°, 113° to 135°, +/- (40 to 49)°). Surface acoustic waves have propagation directions "ψ" which are different each other. When the Euler angle is set at (0°, θ, ψ), it is possible to reduce differences in each propagation direction by setting each propagation angle so as to satisfy a formula: $\psi = 0.3295\theta + 3.3318° +/- 1.125°$. This makes it possible to decrease the angle among the surface acoustic wave elements, and thereby miniaturizes the surface acoustic wave elements.